

Listing of Claims:

Claims 1-11 (cancelled)

Claim 12 (new) A method of allowing consolidation of stratified architecture of epidermis and insuring the improvement of the mechanical properties of the skin without inducing any proliferation of the cells, in a warm-blooded animal comprising applying on the parts of the body of a warm-blooded animal in need thereof susceptible to showing aging, an effective amount of a topical composition containing an amount of an extract of *Padina pavonica* effective to promote the maturation of *Keratinocytes*.

Claim 13 (new) The method of claim 12 wherein the extract of *Padina pavonica* is provided by macerating the algae in the solvent to be evaporated.

Claim 14 (new) The method of claim 12 wherein the crude extract resulting from the evaporation of the solvent, is titrated and incorporated into a formulation.

Claim 15 (new) The method of claim 12 wherein the effective amount of the active extract of *Padina pavonica* ranges from 0.1 to 200 g per kg of the composition.

Claim 16 (new) The method of claim 14 wherein the crude extract is used after titration of such or diluted in an inert cosmetic vehicle.

Claim 17 (new) The method of claim 14 wherein the crude extract is incorporated in an excipient or a vehicle suitable for the realization of cosmetic compositions.

Claim 18 (new) The method of claim 12 wherein the topical composition is in the form of creams, suspensions, emulsions of the W/O, O/W or Si/W types, of gels, of pastes, or pomades or powders.

Claim 19 (new) The method of claim 12 wherein the concentration of extract of *Padina pavonica* in the cosmetic composition is such that the cosmetic composition contains from 0.1 to 200 g of *Padina* extract per kg of the composition.

Claim 20 (new) The method of claim 12 in which a preparation of algae extract of the family of *Dictyotales* is used in a culture medium to increase the maturation of *Keratinocytes*.

Claim 21(new) The method of claim 12 wherein the titrate of 200,000 active units of the extract of *Padina* is defined in that 20 µl of crude extract is at least 50% of the synthetic activity of glycosaminoglycans of 200,000 fibroblasts.